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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wei-Ge Chen et al.

Examiner: Storm, Donald L

Patent No.: 6,934,677

Group Art Unit: 2654

Issue Date: Aug. 23, 2005

Confirmation No.: 5737

Customer No.: 22971

Docket No: 164255.01

Title: QUANTIZATION MATRICES BASED ON CRITICAL BAND PATTERN INFORMATION FOR
DIGITAL AUDIO WHEREIN QUANTIZATION BANDS DIFFER FROM CRITICAL BANDS

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
JUN 17 2009
of Correction

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- ☒ Authorization to charge the Certificate of Correction fee of \$100.00 to the Deposit Account No. **50-0463**.
- ☒ Request for Certificate of Correction (1 pg.).
- ☒ Certificate of Correction Form - PTO-1050 (4 pgs.)
- ☒ A return postcard.

Please charge any additional fees or credit overpayment to Deposit Account No. 50-0463.

Customer Number: 22971

By /Nathan M. Rau/
Attorney Name: Nathan M. Rau
Reg. No.: 45,466

CERTIFICATE UNDER 37 CFR § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 11th day of June 2009.

Christine Hartness

Christine Hartness



Patent 6,934,677

PATENT

IN UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wei-Ge Chen et al.

Examiner: Storm, Donald L

Patent No.: 6,934,677

Group Art Unit: 2654

Issue Date: Aug. 23, 2005

Confirmation No.: 5737

Customer No.: 22971

Docket No: 164255.01

Title: QUANTIZATION MATRICES BASED ON CRITICAL BAND PATTERN

INFORMATION FOR DIGITAL AUDIO WHEREIN QUANTIZATION BANDS

DIFFER FROM CRITICAL BANDS

REQUEST FOR CERTIFICATION OF CORRECTION

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Pursuant to 1.20(a), the examiner is authorized to charge the Certificate of Correction fee of \$100.00 to the Deposit Account No. **50-0463**.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No. **50-0463**.

Respectfully submitted,

Customer Number: 22971

Date 20 April 2009

By /Nathan M. Rau/

06/16/2009 MGBREM1 00000034 500463 6934677

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100.00 DA

Attorney Name: Nathan M. Rau

Reg. No.: 45,466

CERTIFICATE UNDER 37 CFR § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 11th day of June 2009.

Christine Hartness
Christine Hartness

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,934,677

DATED : Aug. 23, 2005

INVENTOR(S) : Wei-Ge Chen et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "Other Publications", in column 2, line 6, delete "281" and insert - - 218 - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 17, delete "10/020/708" and insert - - 10/020,708 - -, therefor.

On Sheet 1 of 9, Fig. 1 (Above Prior Art), line 1, after "Figure 1" insert ",".

In column 6, line(s) 1-4, delete " $Q[c][d] \leftarrow \left(\frac{Q[c][d]}{\text{Card}\{B[d]\}} \right)^*$ ", (3)" and insert - - " $Q[c][d] \leftarrow \left(\frac{Q[c][d]}{\text{Card}\{B[d]\}} \right)^*$ " (3), - -, therefor.

In column 13, line 15, delete " $X_{\text{sum}}[k] = \frac{X_{\text{Left}}[k] + X_{\text{Right}}[k]}{2}$ ", (4)" and insert - - " $X_{\text{sum}}[k] = \frac{X_{\text{Left}}[k] + X_{\text{Right}}[k]}{2}$ " (4), - -, therefor.

In column 13, line 17, delete " $X_{\text{Diff}}[k] = \frac{X_{\text{Left}}[k] - X_{\text{Right}}[k]}{2}$ ", (5)" and insert - - " $X_{\text{Diff}}[k] = \frac{X_{\text{Left}}[k] - X_{\text{Right}}[k]}{2}$ " (5). - -, therefor.

In column 18, line 20, delete " $k' = \text{floor}\left(\frac{k}{\rho}\right)$ ", (7)" and insert - - " $k' = \text{floor}\left(\frac{k}{\rho}\right)$ " (7), - -, therefor.

MAILING ADDRESS OF SENDER:

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,934,677

DATED : Aug. 23, 2005

INVENTOR(S) : Wei-Ge Chen et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 18, line 23, delete " $\rho = \frac{\text{max_subframe_size}}{\text{subframe_size}}$ ", (8)" and insert - -
 $\rho = \frac{\text{max_subframe_size}}{\text{subframe_size}}$ (8), - -, therefor.

In column 18, line 42, delete " $\alpha = \frac{c}{\text{subframe_size}}$ ", (9)" and insert - -
 $\alpha = \frac{c}{\text{subframe_size}}$ (9), - -, therefor.

In column 19, line 6, delete " $E[b] = \sum_{k \in B[b]} Y^2[k]$ ", (11)" and insert - -
 $E[b] = \sum_{k \in B[b]} Y^2[k]$ (11), - -, therefor.

In column 19, line 11, delete "[f_l, f_h]," and insert - - (f_l, f_h), - -, therefor.

In column 19, line 16, delete " $B[b] = \left\{ k \mid k \cdot \frac{\text{samplingrate}}{\text{max_subframe_size}} \geq f_l \text{ AND } k \cdot \frac{\text{samplingrate}}{\text{max_subframe_size}} < f_h \right\}$ ", (12)" and
 insert - - $B[b] = \left\{ k \mid k \cdot \frac{\text{samplingrate}}{\text{max_subframe_size}} \geq f_l \text{ AND } k \cdot \frac{\text{samplingrate}}{\text{max_subframe_size}} < f_h \right\}$ (12). - -, therefor.

In column 19, line 23, delete "[f_l, f_h]" and insert - - (f_l, f_h) - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,934,677

DATED : Aug. 23, 2005

INVENTOR(S) : Wei-Ge Chen et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line 57, delete " $\tilde{E}[b] = \frac{E[b]}{\sum_{k \in B[b]} A^*[k]}$ " (13)." and insert -- " $\tilde{E}[b] = \frac{E[b]}{\sum_{k \in B[b]} A^*[k]}$ " (13). --, therefor.

In column 20, line 35, delete " $Q[c|d] = \sum_{b=b_{low}}^{b_{high}} \tilde{E}[b]$ " (15)." and insert -- " $Q[c|d] = \sum_{b=b_{low}}^{b_{high}} \tilde{E}[b]$ " (15). --, therefor.

In column 20, line 47, delete " $Q[c|d] = \frac{\sum_{b=b_{low}}^{b_{high}} \tilde{E}[b] \cdot \text{Card}\{B[b]\}}{\sum_{b=b_{low}}^{b_{high}} \text{Card}\{B[b]\}}$ " (16)." and insert -- " $Q[c|d] = \frac{\sum_{b=b_{low}}^{b_{high}} \tilde{E}[b] \cdot \text{Card}\{B[b]\}}{\sum_{b=b_{low}}^{b_{high}} \text{Card}\{B[b]\}}$ " (16). --, therefor.

In column 20, line 60, delete " $Q[c|d] = \frac{\sum_{b=b_{low}}^{b_{high}} \tilde{E}[b] \cdot \text{Card}\{B[b] \cap B[d]\}}{\text{Card}\{B[d]\}}$ " (17)." and insert -- " $Q[c|d] = \frac{\sum_{b=b_{low}}^{b_{high}} \tilde{E}[b] \cdot \text{Card}\{B[b] \cap B[d]\}}{\text{Card}\{B[d]\}}$ " (17). --, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,934,677

DATED : Aug. 23, 2005

INVENTOR(S) : Wei-Ge Chen et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 21, line 10, delete " $Q[c[d]] \leftarrow \left(\frac{Q[c[d]]}{Card\{B[d]\}} \right)^p$, (18)" and insert - -
 $Q[c[d]] \leftarrow \left(\frac{Q[c[d]]}{Card\{B[d]\}} \right)^p$ (18), - -, therefor.

In column 21, line 27, delete "coded" and insert - - reconstructed - -, therefor.

In column 21, line 28, delete "reconstructed" and insert - - coded - -, therefor.

In column 23, line 34, after "etc" insert - - . - -.

In column 24, line 25, delete "(1100).)" and insert - - (1100)). - -, therefor.

In column 25, line 18, delete " $A(z) = 1 - \sum_{j=1}^p a_j z^{-j}$, (20)" and insert - -
 $A(z) = 1 - \sum_{j=1}^p a_j z^{-j}$ (20), - -, therefor.

In column 26, line 24, in Claim 6, delete "claim 1" and insert - - claim 5 - -, therefor.


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